

KPT 1090  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Stephen W. Colley et al.  
Serial No. 09/806,180  
Filed June 5, 2001  
Confirmation No. 5384  
For PROCESS  
Examiner Virginia Manoharan

Art Unit 1764

November 16, 2004

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VIRGINIA 22313-1450

SIR:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

\* In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicants submit the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein.

A check in the amount of \$180.00 is enclosed to cover the fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement.

Applicants submit herewith copies of the foreign patent documents and literature references.

Respectfully submitted,

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<b>PTO/SB/08A</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/806,180
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				First Named Inventor	Stephen W. Colley et al.
				Group Art Unit	1764
				Examiner Name	Virginia Manoharan
Sheet	1	of	3	Attorney Docket No.	KPT 1090


U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	3	1,708,460		Zeisberg	04-09-1929
	4	2,027,182		Lazier	01-07-1936
	5	2,524,899		Dunn	10-10-1950
	6	3,714,236		Wright, Jr. et al.	01-30-1973
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	10	4,395,576		Kwantes et al.	07-26-1983
	11	4,440,946		Summerville et al.	04-03-1984
	12	4,481,146		Leupold et al.	11-06-1984
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	15	4,613,701		Strong	09-23-1986
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	17	5,334,751		Lemanski et al.	08-02-1994
	18	6,809,217	B1	Colley et al.	10-26-2004

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

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18	U.S. Patent Application Serial No. 09/806,180	Colley et al.	filed 06-05-2001
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### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
	19	EP	0 201 105	A1	Keen	11-12-1986	
	20	GB	470,773		Usines De Melle	08-20-1937	
	21	JP	59-25334		Nihon Shirika Kogyo KK	02-09-1984	
	22	JP	5-186392		Showa Denko KK	07-27-1993	
	23	SU	362814		No English Title	11-27-1973	
	24	PCT	WO 00/20375	A1	Kvaerner Process Technology Limited	04-13-2000	

### OTHER ART - NON PATENT LITERATURE DOCUMENTS


Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	25	BREITNER, EDITH, ET AL., Low Pressure Hydrogenation of Ketones with Platinum Metal Catalysts, Hydrogenation Carbonyl Compounds Over Platinum Metal Catalysts, [reprinted from the Journal of Organic Chemistry, 24, 1855 (1959)], pp. 1-3	
	26	ENGELHARD CATALYSTS, Summary, 1977, 2 pages	
	27	ENGELHARD INDUSTRIES DIVISION, Hydrogenation of Carbonyl Compounds Over Platinum Metal Catalysts, undated, 2 pages	

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	28	FAIR, JAMES R., Distillation, excerpt from Kirk-Othmer Encyclopedia of Chemical Technology 1993, 10 pages	
	29	GROOTENDORST, E.J., ET AL., Selective Reduction of Acetic Acid to Acetaldehyde on Iron Oxides, Journal of Catalysis, 1994, pp. 261-269, Vol. 148	
	30	MATAR, SAMI, ET AL., Catalysis in Petrochemical Processes, 1989, p. 260, Kluwer Academic Publishers	
	31	NAKUMURA, SHIGEAKI, ET AL., The Catalytic Dehydrogenation of Alcohols with Reduced Copper under Ultraviolet Light, Bulletin of the Chemical Society of Japan, 1971, pp. 1072-1078, Vol. 44, No. 4	
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	33	STILES, ALVIN B., Catalyst Supports and Supported Catalysts, 1987, p. 132, Butterworth Publishers, Stoneham, MA	
	34	TAKESHITA, KENJI, ET AL., Reduced Copper Catalyzed Conversion of Primary Alcohols into Esters and Ketones, Bulletin of the Chemical Society of Japan, 1978, pp. 2622-2627, Vol. 51, No. 9	
	35	Heterogeneous Catalysis, Products and Services Brochure, 1981-1984, Johnson Matthey Chemicals Limited, Orchard Road, Royston, Hertfordshire SG8 5HE, England, 6 pgs.	
	36	Abstract of Brazilian Application No. PI 9104652A, dated April 27, 1993	

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